

US Department of Commerce
Patent and Trademark Office

Form PTO-1449 (Modified)

Atty. Docket No.:

056301.P5014

Application No.:

10/768,785

Applicant:

Peter C. Zhu, et al.

Filing Date:

January 30, 2004

US Patent Documents

Examiner's Initials	Date	Document Number	Name	Class	Sub- Class	Filing Date
(P)	01/09/62	3,016,328	Pepper et al.	167	22	
	10/14/75	3,912,450	Boucher	21	54	
	07/06/76	3,968,248	Boucher	424	333	
	07/06/76	3,968,250	Boucher	424	333	
	03/13/84	4,436,754	Jacobs	424	333	
	06/03/86	4,592,892	Ueno et al.	422	28	
	09/01/87	4,690,772	Tell et al.	252	106	
	05/16/89	4,831,449	Kimura	358	198	
	07/11/89	4,847,304	Bruckner et al.	514	699	
	07/25/89	4,851,449	Bruckner et al.	514	698	
	11/20/90	4,971,999	Bruckner et al.	514	698	
	7/7/1992	5,128,051	Theis et al.	210	764	
	03/09/93	5,192,459	Tell et al.	252	106	
	02/14/95	5,389,685	Smith et al.	514	643	
	02/27/96	5,494,637	Barlow	422	28	
	07/30/96	5,540,326	Arnold et al.	206	221	
	09/24/96	5,558,841	Nakagawa et al.	422	105	
	10/22/96	5,567,385	Miller et al.	422	28	
	12/23/97	5,700,377	Cox	210	724	
	06/02/98	5,761,069	Weber et al.	364	478.01	
(S)	01/26/99	5,863,547	Miner	424	405	

Foreign Patent Documents

Examiner's Initials	Date	Document Number	Country	Class	Sub- Class	Translation
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Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Karl A. Witherspoon

Date Considered

12/17/04

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through the citation if not in conformance and not considered. Include a copy of this form with the next communication to the applicant

US Department of Commerce Patent and Trademark Office Form PTO-1449 (Modified)	Atty. Docket No.: 056301.P5014	Application No.: 10/768,785
	Applicant: Peter C. Zhu, et al.	
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US Patent Documents

Examiner's Initials	Date	Document Number	Name	Class	Sub- Class	Filing Date
SW	08/10/99	5,936,001	Block	514	698	
	06/06/00	6,071,972	Block	514	698	
	06/27/00	6,080,789	Lutz	514	642	
	10/02/01	6,297,285	Lutz	514	642	
	10/30/01	6,309,658	Xia et al.	424	405	
	10/01/02	6,458,554	Hui et al.	435	31	
SW	10/10/95	DES. 363,019	Arnold et al.	D9	347	

Foreign Patent Documents





Examiner's Initials	Date	Document Number	Country	Class	Sub- Class	Translation
SW	11/11/97	11-140010	JAPAN	—	—	Yes

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

SW	CIDEX® OPA, High Level Disinfecting Solution, Technical Info. Advanced Sterilization Products®, © 2004. Pgs. 1-4.
	CIDEX® OPA Solution, And Speed Has Its Advantages! © ASP© 2001, 1 pg.
	CIDEX® OPA SOLUTION Retrieved on 8/7/2003; Retrieved online at: http://www.cidex.com/products_&_services/cidex/cidex_opa/index.asp . Pgs 1-2.
	E.G.M. Power & A.D. Russell; "Sporicidal action of alkaline glutaraldehyde: factors influencing activity and a comparison with other aldehydes"; Journal of Applied Bacteriology 1990,69, pgs. 261-268.
SW	Jose-Luis Sagripanti and Aylin Bonifacino; Food Biological Contaminants; "Effects of Salt and Serum on the Sporicidal Activity of Liquid Disinfectants"; Journal of AQAC International, Vol. 80, No. 6, 1997; pgs. 1198 - 1207.

Examiner <i>S. Karl A. Wilkerson</i>	Date Considered <i>12/17/04</i>
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Foreign Patent Documents							
Examiner's Initials		Date	Document Number	Country	Class	Sub- Class	Translation
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)							
		Hiroshi KURONUMA, Journal of Japanese Society of Hospital Pharmacists, Vol. 36, No. 1, 2000. In Japanese; translation of introduction. "Stability of Ortho-Phthalaldehyde Solutions under Various Storage Conditions". Pgs. 55-58					
		B. Setlow, et al.; "Mechanisms of killing spores of Bacillus subtilis by acid, alkali and ethanol"; Journal of Applied Microbiology 2002, 92, pgs. 362-375.					
		Anthony C. H. Durham; "A Survey of Readily Available Chelators for Buffering Calcium ION Concentrations in Physiological Solutions", Cell Calcium 4: pgs. 33-46, 1983.					
		S.D. Rubbo, et al.; (Symposium of Chemical Disinfection: Paper VIII); "Biocidal Activities of Glutaraldehyde and Related Compounds", 1967, J. Appl. Bact. 30(1) pgs. 78-					
Examiner <i>Richard A. Wetherapoon</i>		Date Considered <i>12/17/04</i>					

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